

~~ENGINEERING RECORD~~
HISTORIC AMERICAN BUILDINGS SURVEY

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VIGO COUNTY BRIDGE #139
Over Sugar Creek on 74th Place, approximately 1500'
south of the intersection of 74th Place and Paris Road
Terre Haute vicinity
Vigo County
Indiana

HAER NO. IN-83

Photographers: (all views) Camille B. Fife and Thomas W. Salmon II,
of The Westerly Group, Inc.

October, 1994

- IN-83 -1 View looking east from sand bar on west side of bridge, upstream in the bed of Sugar Creek. West elevation of the bridge.
- IN-83 -2 View looking west from bank on southeast side of bridge, downstream, showing east elevation of the bridge.
- IN-83 -3 View looking north from the southwest bank, showing the northwest abutment.
- IN-83 -4 A photo, looking north, northwest, from the stream bed east of the bridge. In this view of the north entrados of the concrete arch, cracks in the concrete castings are evident, as are some rebars in the faults. Graffiti is evident on the underside of the arch.
- IN-83 -5 An environmental view, looking due east from the roadbed of the bridge. The downstream bed of Sugar Creek is prominent, flanked by pasture and woodlands.
- IN-83 -6 Looking west from the roadway on the bridge, this view portrays the more densely wooded terrain which is part of the environment surrounding Sugar Creek on the upstream side of the bridge.
- IN-83 -7 View looking north along the county road, 74th Place from the northern bridge abutment. This environmental photograph reveals fencing on the right

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which encloses pasture and sprout lands. On the left, grain fields are visible.

- IN-83 -8 Another environmental view, from the northern bridge approach looking south along 74th Place, through the roadbed. Grain fields which have been harvested can be seen in the background. The bridge's characteristic profile and balustrade are prominent.
- IN-83 -9 A photograph, looking southwest, from the sand bar on the east side of the bridge. This image shows the west abutment, including the mold marks which remained from the timber forms. Leaching and cracking are also visible along the arch ring.
- IN-83 -10 View looking northwest from the sand bar on the east side of the bridge. This photograph of the northeast abutment shows cracks and efflorescence which has developed at the edge of the arch entrados. These effects show the thickness of the arch casting as it is contained by the spandrels and abutment.
- IN-83 -11 Looking northwest from the southeast bank. This medium close-up image of the east elevation of the bridge shows that very little camber has developed in these castings in 83 years.
- IN-83 -12 A view taken from the southwest bank looking northeast. This medium close-up image of the west facade of the bridge reveals a vertical fault which has developed through the abutment and the balustrade.
- IN-83 -13 Looking north, from the southern approach to the bridge. The bridge deck, which is concrete with several patch coats of asphalt (now chiefly gravel and some turf), demonstrates a sharp gradient from the abutment to the bridge center line.
- IN-83 -14 This view, looking north east from the southern approach to the bridge, is a detail of the southeast abutment. It shows the sequence of concrete castings

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which were necessary to achieve the curb, curb coping, the balustrade and its coping. A portion of the original concrete bridge deck is visible.

IN-83 -15

Detail looking west from the bridge roadbed, showing the face of the west parapet and demonstrating the ghosts of the form work. The coping was cast independent of the balusters.

IN-83 -16

A close-up detail, looking northeast of the concrete coping at the southeast corner of the bridge. Beveled curved corner finishing is apparent.

IN-83 -17

A close-up detail, looking east from the northeast corner of the roadbed. This image shows the concrete commemorative inscription which is let into the inside of the eastern balustrade at the north end of the bridge. The name of one of the county commissioners has been chiselled out of the inscription. The parting fault between the parapet and its coping is evident.

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